

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

HENSEN, ET AL.

Serial Number: To be assigned Group Art Unit: To be assigned

Filed: February 10, 2005 Examiner: To be assigned

For: Streptococcus uberis protein, nucleic acid sequence encoding the same and its use in a mastitis vaccine

Corresponding to: PCT/EP2003/008704 filed August 6, 2003

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Honorable Assistant Commissioner of Patents
Alexandria, VA 22313
February 10, 2005

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-SB-08A and PTO-SB-08B. These references were cited in the parent case a Search Report for the corresponding European application. Copies of the S cited references are enclosed.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned

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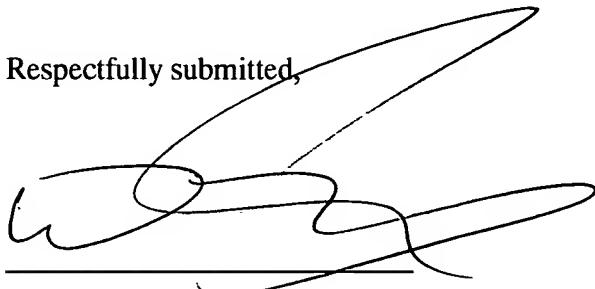
DT 10 Rec'd PCT/PTO 10 FEB 2005

application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be considered during the prosecution of this application and that the cited documents be listed on the front page of any patent issuing from this application.

The Patent Office is authorized to charge our Deposit Account No. 02-2334 for any fee which it deems to be required to effect consideration of this statement.

Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

Complete if Known

Application Number	To Be Assigned
Filing Date	February 10, 2005
First Named Inventor	HENSEN, Selma M.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	I-2002.013 US

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of 1

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 01 96379 A2	12-20-2001			
		WO 01 96381 A2	12-20-2001			
		WO 02 092818 A2	11-21-2002			

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Examiner Name	To Be Assigned
Attorney Docket Number	I-2002.013 US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DATABASE EPOFETCH [Online!] (07/01/2002) Database accession no. ABN68115, XP002228319	
		DATABASE EPOFETCH [Online!] (07/02/2002) Database accession no. ABP27484, XP002228320	
		DATABASE SWISS-PROT [Online!] (06/15/2002) Database accession no. Q8P120, XP002228321	
		DATABASE EMBL [Online!] (03/23/2002) Database accession no. AE010036, XP002228322	
		TYLER, J.W. ET AL.: "Immunization and immunotherapy for mastitis" Veterinary Clinics of North America (11/01/1993) V9, N3 p 537-549, XP002095921	
		FONTAINE, M.C. ET AL.: "Immunisation of dairy cattle with recombinant Streptococcus uberis GapC..." Vaccine Butterworth Scientific. (05/22/2002) V20 N17-18, p2278-228	
		LEIGH, J.A. "Streptococcus uberis: A Permanent Barrier to the Control of Bovine Mastitis?" Veterinary Journal, (May 1999) V157, N3, p 225-238, XP009020371	
		VERMEULEN, A.N. "Progress in recombinant vaccine development against coccidiosis A review..." International J. of Parasitology (July 1998) V28, N7, P1121-1130, XP001024960	

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